

Name: _____

ET_1021 version 1

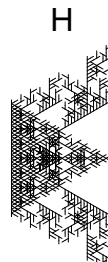
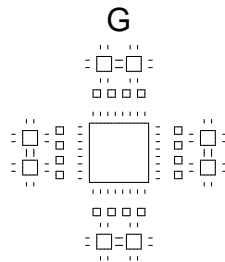
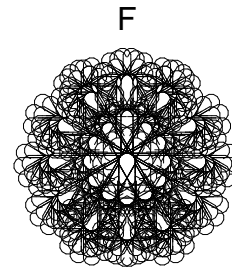
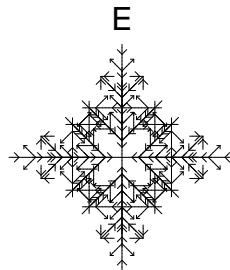
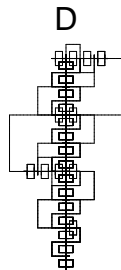
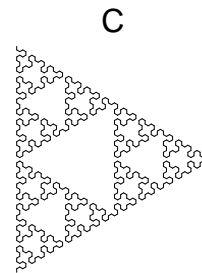
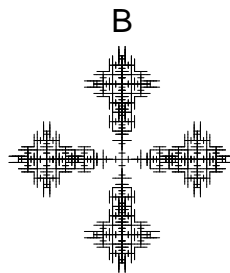
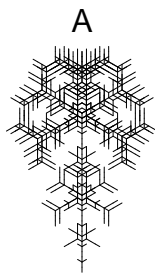
Consider the L -system (and angle) defined below:

- Start: $A+++++.A$
- Rules:
 $A > B+B+B+B+B+B$
 $B > B[-CCA] [+CCA]$
 $C > CC$

- Number of recursions (number of iterations): 5
- Angle: 30°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

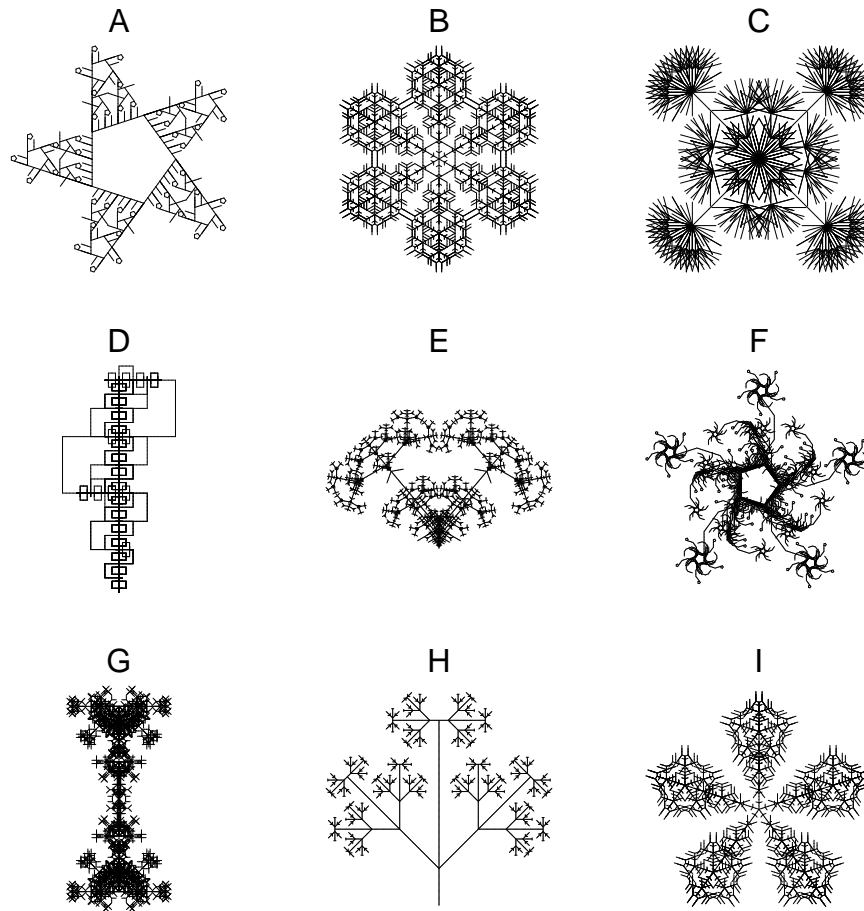
Consider the L -system (and angle) defined below:

- Start: A
- Rules:
 $A \rightarrow B++A++A++B$
 $B \rightarrow AB[A-CC-CC-CCA]BA$
 $C \rightarrow CC$

- Number of recursions (number of iterations): 5
- Angle: 90°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?